

HYDROMAX HT AW 46

Product code: 261302901

Hydro treated based high performance hydraulic fluid

High performance hydraulic fluid, based on the latest technology hydro treated base oil and additive technology. The use of special additive packs warrants optimal performance and a long service life.

It can be used in all available hydraulic applications, as well as light gear boxes and is perfectly suitable for general lubrication purposes this product is developed to provide trouble free operation, specially in cases where a conventional based hydraulic fluid fails (sludge and deposit creation at higher temperatures etc.) Thanks to the high viscosity index the fluid can be used in very high pressure hydraulic systems

Benefits & Advantages

- Excellent anti wear protection
- Good emulsifying and air-release properties
- Good anti-oxidation for a long service life up to 10.000 hours
- Lasts up to 3 x longer than the leading conventional hydraulic fluids
- Excellent anti-corrosion properties
- Excellent high temperature properties
- No sludge and deposit creation thanks to the absence of aromatics

Performance level

It is formulated to meet and exceed;

- Denison HF-0
- Eaton Vickers M-2950-S and I-286-S
- Bosch Rexroth DIN 51524 Part 2 HLP

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Typical Performance Data

Typical	Test Method	Value
Oil type	DIN 51502	HLP
Colour	ASTM D1500	1
Density @ 15 °C, kg/dm ³	ASTM D1298	0.847
Kin. viscosity, mm ² / sec, cSt <ul style="list-style-type: none"> • @ 40 °C • @ 100 °C 	ASTM D445	46 7.07
Viscosity Index	ASTM D2270	112
Flash point, °C	ASTM D92	218
Pour point, °C	ASTM D92	-15
TAN, mg KOH/g	ASTM D664	0.7
Emulsion characteristics, minutes	ASTM D1401	40/40/0
Air release @ 50 °C	ASTM D3427	6
Foaming characteristics, ml <ul style="list-style-type: none"> • Sequence I • Sequence II • Sequence III 	ASTM D892	20/0 40/0 20/0
Copper corrosion	ASTM D130	1a
Rust test	ASTM D665	Pass
FZG	DIN 51354-2	12
Vickers vane pump test <ul style="list-style-type: none"> • Loss of mass on ring • On vanes after 250 hrs, mg 	IP 281	<120 < 30

All performance data on this Technical Data Sheet are indicative only and can vary during production.